

**Amendments to the Specification**

Please amend the specification as follows:

(New paragraph between paragraphs 21 and 22):

[21-a] Fig. 8 is a block diagram of a general purpose computer system for practicing the present invention.

[p31] Where the parameters C1, C2 and Rload are constants, provided by the caller. V2 in the above equation ~~starts~~ is equal to Vout at the beginning of simulation.

[p38] “[...] In each instance of a selection of pin voltages, ~~The user~~ the user measures the steady state current flowing into/out of the pins. [...]”

[p46] “[...]Whatever implementation of Zint is chosen, the current flowing into Zint, namely I(Zint), can change continuously as a function of time, and may therefore ~~different~~ have a different value at every time point. [...]”


~~[p622]~~ [p62] The third step is to take ~~make~~ measurements [...]

[p79] “[...] In the case of the simulator's API, [...]”

[87] “[...] The interface call prototype would reflect the choice of load-modeling as the load is an input into the ~~circuit module~~ circuit model. [...]”

~~[p975]~~ [p95] // Power level B:

**Amendments to the Drawings**

Do Not  
Enter   
10/6/2006